Statewide Interoperability Executive Committee (SIEC)

Arizona Interoperable Channels Plan

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Government Information Technology Agency

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Outline

- Recent Workgroup Activities

- Channel Nomenclature Standard

- Current Status of the Plan

- Action Needed to Complete the Plan
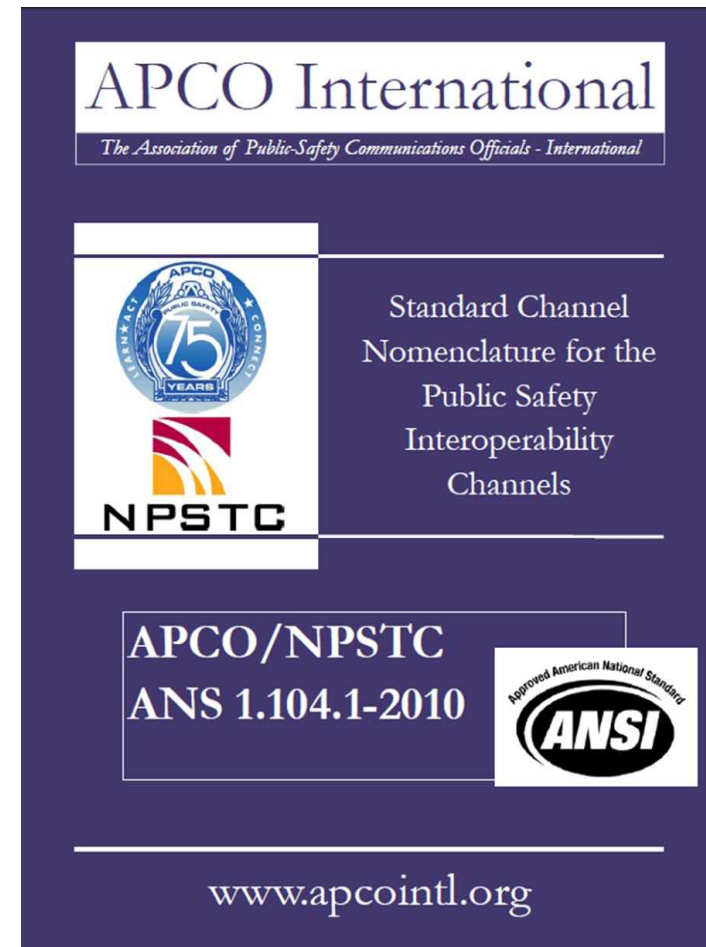
- Next Steps

Recent Workgroup Activities

- Met on June 10th to continue formulating recommendations

- Combined recommendations developed to date with existing standards and guidance (i.e. NCC, NPSTC, FCC) to generate a draft interoperable channel plan

- Met on July 27th to review and refine the draft plan

- Distributed an updated draft to all SIEC Workgroup Members for review and comment on August 2nd

- Integrated Workgroup feedback into the draft

- Met with Mesa PD and other interested parties on August 11th to learn about Mesa PD's deployable independent radio system project and identify related standards and guidelines needing to be addressed in the interoperable channel plan

Channel Nomenclature Standard

- On June 9, 2010, Standard Channel Nomenclature for Public Safety Interoperability Channels was approved by the American National Standards Institute (ANSI)

- Implements a common set of channel names so all responders to an incident:

  - Know the channel to which they should tune their radios

  - Know the band and primary use for the channel based on the channel name

APCO International

The Association of Public-Safety Communications Officials - International

APCO 75 YEARS

NPSTC

Standard Channel Nomenclature for the Public Safety Interoperability Channels

APCO/NPSTC ANS 1.104.1-2010

Approved American National Standard **ANSI**

www.apcointl.org

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Btype##M

B = Spectrum Band, e.g., 7 (700 MHz Public Safety Narrowband Voice Band (769-775 / 799-805 MHz)

Type = Channel Use Designator = three or four-place tag signifying the primary purpose of operations on the channel, e.g., CALL, FIRE, LAW*

= Unique Channel Identifiers = numeric one or two place tag, e.g., 50-89 for 700 MHz

M = Modifer = D for Direct or "Talk around" use (Simplex operations)

*Short Form names not applicable to the 700 MHz Band since equipment for this band is new

Current Status of the Plan

- The Draft Plan included in today's meeting materials is a work in progress. Some additional content is needed to complete the plan.

- Note: The recently approved Nomenclature Standard had already been incorporated because of its wide acceptance as a recommendation.

- The workgroup is also developing recommendations to support implementation of the plan.

- The 700 MHz Regional Planning Committee is informed about the development of the Plan and is prepared to append it to the Region 3 Plan in the CAPRAD database upon its approval.

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- Minimum requirements for interoperability channels to be programmed in each frequency band

- A prioritized list for programming interoperability channels in each band to foster consistent statewide programming for the highest priority channels

- Recommendations for deployable independent radio systems

- References to any definitions applicable to the plan, such as public safety agency, public service agency, plain language

Comments/Questions/Suggestions?

Next Steps after Plan is Approved

- Review related standards and procedures documents to update and harmonize as needed:
  - VHF Minimum Equipment Standards
  - UHF Minimum Equipment Standards
  - AIRS State Plan Standard Operating Procedures and National Interoperability Shared Channels
  - AIRS MOU
  - Other documents as identified
- Consider workgroup recommendations to support implementation of the plan
- Incorporate the plan into the Policies, Standards and Procedures Framework being developed

Additional Discussion?

To support this effort
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